

Dry Shipper Form

Shipping Order No. _____

(Complete a new form for each dewar. Attach form to dewar.)

Description & Value:

Ship FedEx.

Not ANL property. Please insure for: (*Must check one*)

☐ Standard FedEx liability (\$100)

☐ \$ _____

For international shipments only: Customs declaration value: \$ _____

(Note: shipment may require approval by the government of the destination country)

Shipment is comprised of small samples of biological macromolecules,

Contained in: (*Check only those that apply.*)

☐ LN₂ gas phase

☐ refrigerated propane (_____ kg)

☐ refrigerated chlorodifluoromethane (_____ kg)

☐ refrigerated ethane (_____ kg)

☐ other (specify): _____

Packaged in: (*Must check only one*)

☐ dry shipping dewar (Refer to US DOT CA-199807017)

☐ dewar filled with liquid nitrogen (_____ kg)

☐ Please inform me (APS User) of shipping tracking number.

☐ E-mail _____

☐ Voice mail _____

$$\text{_____ cryovials} \times \frac{1.5\text{ml}}{\text{cryovial}} \times \text{density} \left(\frac{\text{g}}{\text{ml}} \right) \times \frac{1\text{kg}}{1000\text{g}} = \text{_____ kg}$$

CRYOGEN	DENSITY (G/ML)	MASS IN ONE 1.5-ml CRYOVIAL
Propane (liquid)	0.5853	0.8789 g
Chlorodifluoromethane (liquid)	1.4909	2.2364 g
Ethane (liquid)	0.572	0.858 g
Nitrogen (liquid)	0.8081	